

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A color pigment master batch to be mixed with a molding base resin including a thermoplastic resin for blow molding, comprising a pigment and a carrier resin, ~~characterized by using as a~~ wherein the carrier resin[[,]] is a thermoplastic elastomer which is a crystalline thermoplastic elastomer having a Vicat softening point higher than a melting temperature of [[a]] the molding base resin and a crystal melting point higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more.

Claim 2 (currently amended): A color pigment master batch to be mixed with a molding base resin including a thermoplastic resin for blow molding, comprising a pigment and a carrier resin, ~~characterized by using as a~~ wherein the carrier resin[[,]] is a thermoplastic elastomer which is an amorphous thermoplastic elastomer having a Vicat softening point higher than a melting temperature of [[a]] the molding base resin and a flow-starting temperature higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more.

Claim 3 (currently amended): A blow molding method ~~characterized by~~ comprising:
controlling a temperature of a molding material ~~comprising~~ including a molding base resin and [[the]] a color pigment master batch ~~as described in claim 1~~ at a tip part of a plasticization extruding device in a blow molding machine ~~so that it is not lower than a Vicat softening point and not higher than a crystal melting point of a thermoplastic elastomer contained in the above master batch,~~ the color pigment master batch including a pigment and

a carrier resin, the carrier resin comprising a thermoplastic elastomer which is a crystalline thermoplastic elastomer having a Vicat softening point higher than a melting temperature of the molding base resin and a crystal melting point higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more;

delivering the ~~above~~ molding material controlled in a temperature to an extruding head to heat the ~~above~~ molding material to a higher temperature than a crystal melting point of the thermoplastic elastomer contained in the color pigment master batch ~~described above~~; and

~~then~~ extruding it the molding material from the extruding head ~~described above~~ to produce a blow-molded article having a grain tone appearance.

Claim 4 (currently amended): A blow molding method ~~characterized by~~ comprising:
controlling a temperature of a molding material ~~comprising~~ including a molding base resin and ~~[[the]] a color pigment master batch as described in claim 2~~ at a tip part of a plasticization extruding device in a blow molding machine so that it is not lower than a Vicat softening point and not higher than a flow-starting temperature of a thermoplastic elastomer contained in the ~~above master batch~~, the color pigment master batch including a pigment and a carrier resin, the carrier resin comprising a thermoplastic elastomer which is an amorphous thermoplastic elastomer having a Vicat softening point higher than a melting temperature of the molding base resin and a flow-starting temperature higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more;

delivering the ~~above~~ molding material controlled in a temperature to an extruding head to heat the ~~above~~ molding material to a higher temperature than a flow-starting temperature of the thermoplastic elastomer contained in the color pigment master batch ~~described above~~; and

~~then~~ extruding ~~it~~ the molding material from the extruding head ~~described above~~ to produce a blow-molded article having a grain tone appearance.

Claim 5 (currently amended): A blow-molded article having a grain-tone appearance prepared by blow-molding a molding material, comprising:

a molding base resin including a thermoplastic resin;

~~as a pigment,~~ a base color pigment master batch in an amount of 1 to 10 % by weight based on the molding material, ~~of a base color pigment master batch comprising and including~~ a base color pigment and a carrier resin having a melting temperature which is not higher than a melting temperature of ~~[[a]]~~ the molding base resin; and

a color pigment master batch in an amount of 0.1 to 5 % by weight based on the molding material, ~~of the color pigment master batch as described in claim 1 as a pigment and including a pigment and a carrier resin,~~

wherein the carrier resin of the color pigment master batch comprises a thermoplastic elastomer which is a crystalline thermoplastic elastomer having a Vicat softening point higher than a melting temperature of the molding base resin and a crystal melting point higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more.

Claim 6 (currently amended): A blow molding method ~~in which~~ comprising:

adding a recycled material prepared by crushing or pelletizing ~~again~~ molding burrs obtained in producing ~~[[the]]~~ a blow-molded article as described in claim 5 ~~is added~~ in a

prescribed amount, the blow-molded article having a grain-tone appearance prepared by blow-molding a molding material and comprising a molding base resin, a base color pigment master batch, and a color pigment master batch, the molding base resin including a thermoplastic resin, the base color pigment master batch in an amount of 1 to 10 % by weight based on the molding material and including a base color pigment and a carrier resin having a melting temperature which is not higher than a melting temperature of the molding base resin, the color pigment master batch in an amount of 0.1 to 5 % by weight based on the molding material and including a pigment and a carrier resin, the carrier resin of the color pigment master batch comprising a thermoplastic elastomer which is a crystalline thermoplastic elastomer having a Vicat softening point higher than a melting temperature of a molding base resin and a crystal melting point higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more; and

supplementing a grain-tone pigment at an initial stage of molding cycles, where the recycled material is not added, wherein [[a]] the grain-tone pigment having a concentration obtained by deducting an addition percentage of the grain-tone pigment added every hour in each of the molding cycles from a concentration of the residual grain-tone pigment contained in a molded article which finally converges into a fixed value by adding a prescribed amount of the grain-tone pigment every time is supplemented in molding at an initial stage where the recycled material is not added in each of the molding cycles.

Claim 7 (currently amended): A blow-molded article having a grain-tone appearance prepared by blow-molding a molding material, comprising:

a molding base resin including a thermoplastic resin;

as a pigment, a base color pigment master batch in an amount of 1 to 10 % by weight based on the molding material, of a base color pigment master batch comprising and

including a base color pigment and a carrier resin having a melting temperature which is not higher than a melting temperature of [[a]] the molding base resin; and

a color pigment master batch in an amount of 0.1 to 5 % by weight based on the molding material, ~~of the color pigment master batch as described in claim 2 as a pigment and~~ including a pigment and a carrier resin,

wherein the carrier resin comprises a thermoplastic elastomer which is an amorphous thermoplastic elastomer having a Vicat softening point higher than a melting temperature of the molding base resin and a flow-starting temperature higher by 20°C or more than a melting temperature of the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more.

Claim 8 (currently amended): A blow molding method ~~in which,~~ comprising:

adding a recycled material prepared by crushing or pelletizing ~~again~~ molding burrs obtained in producing [[the]] a blow-molded article as described in claim 7 is added in a prescribed amount, the blow-molded article comprising a molding base resin, a base color pigment master batch, and a color pigment master batch, the molding base resin including a thermoplastic resin, the base color pigment master batch in an amount of 1 to 10 % by weight based on the molding material and including a base color pigment and a carrier resin having a melting temperature which is not higher than a melting temperature of the molding base resin, the color pigment master batch in an amount of 0.1 to 5 % by weight based on the molding material and including a pigment and a carrier resin, the carrier resin of the color pigment master batch comprising a thermoplastic elastomer which is an amorphous thermoplastic elastomer having a Vicat softening point higher than a melting temperature of a molding base resin and a flow-starting temperature higher by 20°C or more than a melting temperature of

the molding base resin and in which an MFR (melt flow rate) ratio (MFR of the thermoplastic elastomer/MFR of the molding base resin) to the molding base resin is 5 or more; and

supplementing a grain-tone pigment at an initial stage of molding cycles, where the recycled material is not added, wherein [[a]] the grain-tone pigment having a concentration obtained by deducting an addition percentage of the grain-tone pigment added ~~every hour~~ in each of the molding cycles from a concentration of the residual grain-tone pigment contained in a molded article which finally converges into a fixed value by adding a prescribed amount of the grain-tone pigment ~~every time is supplemented in molding at an initial stage where the recycled material is not added~~ in each of the molding cycles.